

MEMORANDUM FOR: All Holders of Engineering Handbook No. 11, Automated Surface Observing System (ASOS)

FROM: W/OPS1 - Mark Paese (Acting)

SUBJECT: Connection of the Automated Surface Observing System (ASOS) to the Federal Aviation Administration (FAA) communication network using codex modems, Errata Sheet 2, Change to Modification Note 45.

1. Material Transmitted:

Engineering Handbook No. 11 (EHB-11), ASOS Errata Sheet 2, Change to Modification Note 45.

2. Summary:

Alteration and Correction of Modification Note 45.

3. Effect on Other Instructions:

Additional ASOS sites are to be added to Modification Note 45 (see Appendices A and B).



## ASOS ERRATA SHEET 2 (for Electronics Technicians)

Maintenance Branch

W/OPS12: AL

Connection of the Automated Surface Observing System (ASOS) to the Federal Aviation Administration (FAA) communication network using codex modems.

**GENERAL:**

This errata sheet adds 40 ASOS codex modem sites to Modification Note 45. These 40 National Weather Service (NWS) ASOS sites are to be connected as part of the transition effort. Five (5) of the 40 sites may require an additional RS-232 serial input/output board. (BOS, CLE, ICT, LAS, RDU)

There are twenty (20) ASOS sites added to Appendix A requiring the installation of an internal codex modem in the ASOS Acquisition Control Unit (ACU). The remaining twenty (20) ASOS sites are added to Appendix B requiring the ASOS ACU to be connected externally to the FAA maintained codex modem.

Technicians must coordinate with the FAA point of contact (POC) before scheduling the installation of this modification at any site. The FAA POC is Jerry Kranz [Phone: (202) 366-4196, e-mail: Jerry.CTR.Kranz@FAA.gov]. Any technical questions should be directed to Billy Whisel (ASOS Maintenance Branch) at (301) 713-1835, x161.

**PROCEDURE:**

Attach Errata Sheet 2 to Modification Note 45. The additional ASOS sites to be added are listed in Appendices A and B. Follow the instructions in Modification Note 45 for installation.

NWS Headquarters shall issue the internal (Codex) modems (ASN: S100-1A1-2) and the Mounting hardware for the Codex Modem (ASN: S100-FMK52). Sites requiring an additional RS-232 serial input/output board should order it from NLSC (S100-1A2A6-1). External FAA-maintained Codex modems are on-site. All other materials should be obtained locally.

After the codex modem is connected and the ADAS connection is tested, coordinate with the Regional Focal Point to deconfigure the AFOS/AWIPS communications port. Go to the Revue-Site-Config-Comms page. Deconfigure the following Labeled Ports: AFOS Phone; AWIPS Simulator; AFOS Hardware; AWIPS Hardware.

**EFFECT ON OTHER INSTRUCTIONS:**

Additional ASOS sites are to be added to Modification Note 45 (see Appendices A and B).

**REPORT MAINTENANCE ACTION:**

Report in accordance with Modification Note 45.

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Appendix A  
Appendix B

## Appendix A

Additional sites requiring connection to INTERNAL Codex Modem (Codex Modem installed in ASOS ACU):

<b>Count</b>	<b>SID</b>	<b>Location</b>	<b>State</b>	<b>Comment</b>	<b>Completion Month</b>	<b>Completion Year</b>
1	BOS	Boston	MA	NLT	JAN	2003
2	BWI	Baltimore	MD	NLT	NOV	2002
3	CLE	Cleveland	OH	NLT	FEB	2003
4	CMH	Columbus	OH	NLT	JUN	2003
5	CVG	Covington	KY	NLT	DEC	2002
6	EW R	Newark	NJ	NLT	SEP	2003
7	IAD	Dulles	VA	NLT	NOV	2002
8	IAH	Houston	TX	Test Connection Done Per ECP FAA148		2001
9	ICT	Wichita	KS	NLT	MAY	2003
10	IND	Indianapolis	IN	NLT	APR	2003
11	JFK	New York City	NY	NLT	SEP	2003
12	LGA	New York City	NY	NLT	SEP	2003
13	MIA	Miami	FL	NLT	JUN	2002
14	MSY	New Orleans	LA	NLT	OCT	2002
15	ORD	Chicago	IL	NLT	SEP	2002
16	PHL	Philadelphia	PA	Test Connection Done Per ECP FAA148		2001
17	PNE	Philadelphia	PA	Test Connection Done Per ECP FAA148		2001
18	SJU	San Juan	PR	NLT	JUL	2003
19	SLC	Salt Lake City	UT	NLT	FEB	2003
20	TPA	Tampa	FL	NLT	OCT	2003

### Appendix B

Additional sites requiring connection to EXTERNAL Codex Modem (ASOS ACU connected to external FAA-Maintained CODEX Modem):

<b>Count</b>	<b>SID</b>	<b>Location</b>	<b>State</b>	<b>Comment</b>	<b>Completion Month</b>	<b>Completion Year</b>
1	ATL	Atlanta	GA	NLT	MAR	2002
2	BNA	Nashville	TN	NLT	MAR	2003
3	CLT	Charlotte	NC	NLT	JAN	2003
4	DAY	Dayton	OH	NLT	JUN	2003
5	DCA	Washington	DC	NLT	NOV	2002
6	DFW	Dallas	TX	NLT	SEP	2003
7	DTW	Detroit	MI	NLT	AUG	2002
8	LAS	Las Vegas	NV	NLT	DEC	2002
9	MCI	Kansas City	MO	Test Connection Done Per ECP FAA148		2001
10	MCO	Orlando	FL	NLT	OCT	2003
11	MKE	Milwaukee	WI	NLT	SEP	2002
12	MSP	Minneapolis	MN	NLT	OCT	2002
13	OKC	Oklahoma City	OK	NLT	MAY	2002
14	PBI	West Palm Beach	FL	NLT	JUN	2002
15	PHX	Phoenix	AZ	NLT	AUG	2002
16	PIT	Pittsburgh	PA	NLT	MAR	2003
17	RDU	Raleigh-Durham	NC	NLT	JUL	2003
18	SDF	Louisville	KY	NLT	MAY	2003
19	STL	St. Louis	MO	NLT	AUG	2002
20	TUL	Tulsa	OK	NLT	AUG	2003